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METHOD FOR ADDING HEAT TO A REACTOR SYSTEM USED TO  
CONVERT OXYGENATES TO OLEFINS  
ABSTRACT OF THE INVENTION

The present invention provides a method for adding heat to a reactor system used to convert oxygenates to olefin, in which supplemental heat is added with a heating fuel, e.g., a torch oil, having low autoignition temperature, low sulfur, and low nitrogen content.